

ANNEX 4

Mr. Dragan VUJCIC
14, Passage du Chemin de Fer
91400 ORSAY

Rennes, November 13, 2006

Our ref : R9670US/AVI-SFL/49756

Re : National phase in the USA of international patent application
n° PCT/FR2005/000319 of 02.10.2005 concerning a
« **CELLULAR RADIOTELEPHONE SIGNAL PERMITTING
SYNCHRONISATION OF A SUPPLEMENTARY CHANNEL BY
MEANS OF A PRINCIPAL CHANNEL AND CORRESPONDING
METHOD, TERMINAL AND BASE STATION** »

DOCUMENTS TO BE SIGNED

Dear Sir,

As you know, we represent the company WAVECOM concerning the above-mentioned patent application, of which you are one of the inventors.

So as to complete this case, we thank you to return us the **original** power of attorney and « Assignment » here enclosed, that you would have **dated and signed**.

The « Assignment » must also include the signature of a **witness** who will also indicate his/her **name** and **address**.

Moreover, in the absence of signature from Mr. Ibrahim, co-inventor of this patent application, we must undertake some steps so as to protect the rights of the company WAVECOM concerning this patent application.

In your quality of co-inventor, you can sign in place of Mr. Nicolas IBRAHIM. Consequently, we are transmitting you herewith affidavit forms ; **we thank you to sign them on the two indicated places.**

We thank you to return us the whole documents, duly completed at your best convenience, and preferably before December 1st, 2006.

We are at your disposal for any further information. You can notably contact Miss Fauvel on 02 99 38 23 00.

Thanking you for your prompt reply, we remain

Very truly yours,

P. GUÉNÉ

Enc. Cited

Copy to Mrs. Nathalie GOUDARD (WAVECOM)

Cabinet VIDON

Patrice VIDON ^{1 2 3}

Ludovic BIORET ^{1 2 3}

INGENIEURS

Dominique LARCHER ^{1 2 3}

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Responsable Administrative Juridique

Valérie BLANCHET

1. *Conseils en PI*
2. *Mandat OEB*
3. *Mandat OHMI*

RESPONSABLE ADMINISTRATIF ET FINANCIER

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M. Dragan VUJCIC

14, Passage du Chemin de Fer
91400 ORSAY

Rennes, le 13 novembre 2006

Nos réf : R9670US/AVI-SFL/49756

Objet : Phase nationale aux USA de la demande de brevet internationale n°PCT/FR2005/000319 du 10.02.05 concernant un "Signal de radiotéléphonie cellulaire permettant une synchronisation au niveau sous-trame d'un canal supplémentaire à l'aide d'un canal principal, procédé, mobile et station de base correspondants".

DOCUMENTS À SIGNER

Cher Monsieur,

Comme vous le savez, nous représentons la société WAVECOM concernant la demande de brevet américain citée en objet dont vous êtes l'un des inventeurs.

Afin de compléter ce dossier, vous voudrez bien nous faire retour des originaux du pouvoir et de l'« Assignment » ci-joints, que vous aurez datés et signés.

L'« Assignment » doit en outre comporter la signature d'un témoin qui indiquera également son nom et son adresse.

Par ailleurs, en l'absence de la signature de M. Nicolas Ibrahim, co-inventeur de cette demande de brevet, nous devons engager certaines démarches afin de préserver les droits de la société WAVECOM sur cette demande de brevet.

En votre qualité de co-inventeur, vous pouvez signer en lieu et place de M. Nicolas Ibrahim. En conséquence, nous vous transmettons ci-joints des formulaires d'affidavit, que vous voudrez bien signer aux deux endroits indiqués.

TECHNOLOGIES :

Mécanique ; électronique, informatique ;
matériaux ; chimie et biotechnologie.

VEILLE BREVETS :

Recherche de l'information technologique,
surveillance de la concurrence

CONTRATS - EXPERTISES :

Rédaction de contrats de coopération technologique (licence, recherche, marchés d'étude,...) ;
Évaluation de brevets ;

PROTECTION JURIDIQUE :

Stratégie de protection : rédaction et dépôt de brevets, dépôt de marques et modèles : études de contrefaçon, contentieux amiable et judiciaire.

Nous vous remercions de bien vouloir nous retourner l'ensemble de ces documents dûment complétés dans les meilleurs délais, et de préférence avant le 1^{er} décembre 2006.

Nous sommes à votre disposition pour toute information complémentaire. Vous pouvez notamment prendre contact avec Melle FAUVEL au 02 99 38 23 00.

Vous remerciant de votre diligence, nous vous prions de croire, Cher Monsieur, à l'expression de nos sincères salutations.

P.J.: Citées

Copie adressée à Mme Nathalie GOUDARD (WAVECOM)

P. GUÉNÉ

A handwritten signature in black ink, appearing to be 'P. Guéné', written over a horizontal line.

ASSIGNMENT

Attorney Docket No.

W51.12-0033

WHEREAS, We, Nicolas Ibrahim of Montigny Le Bretonneux, France and Dragan Vujcic of Orsay, France (hereinafter referred to as ASSIGNOR), are the joint inventors of an invention entitled CELLULAR RADIOTELEPHONE SIGNAL PERMITTING SYNCHRONISATION OF A SUPPLEMENTARY CHANNEL BY MEANS OF A PRINCIPAL CHANNEL AND CORRESPONDING METHOD, TERMINAL AND BASE STATION for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating of the United States, the international application being identifiable in the Receiving Office by Application No. PCT/FR2005/000319, filed February 10, 2005 and/or the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. 10/589,542, filed August 16, 2006; and

WHEREAS, WAVECOM, a company and existing under the laws of France, and having offices at 3, Esplanade du Foncet, 92442 Issy-Les-Moulineaux Cedex, France, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, to be obtained therefor in the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, all Letters Patent or similar legal protection issuing thereon in the United States, and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

Nicolas Ibrahim (Inventor)

Date: _____

(Witness Printed Name)

(Witness Signature)

(Witness Address)

Dragan Vujcic (Inventor)

Date: _____

(Witness Printed Name)

(Witness Signature)

(Witness Address)

**COMBINED DECLARATION AND
POWER OF ATTORNEY
IN ORIGINAL APPLICATION**

Attorney Docket No.

W51.12-0033

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original and joint inventor of the subject matter which is claimed, and for which a patent is sought, on the invention entitled CELLULAR RADIOTELEPHONE SIGNAL PERMITTING SYNCHRONISATION OF A SUPPLEMENTARY CHANNEL BY MEANS OF A PRINCIPAL CHANNEL AND CORRESPONDING METHOD, TERMINAL AND BASE STATION the specification of which,

X is entitled, CELLULAR RADIOTELEPHONE SIGNAL PERMITTING SYNCHRONISATION OF A SUPPLEMENTARY CHANNEL BY MEANS OF A PRINCIPAL CHANNEL AND CORRESPONDING METHOD, TERMINAL AND BASE STATION and having Attorney Docket No. W51.12-0033.

X was filed on August 16, 2006 as Appln. No. 10/589,542.

X was described and claimed in PCT International Application No. PCT/FR2005/000319 filed on 10 February 2005 and as amended by Preliminary Amendment filed on August 16, 2006.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known to me to be material to the patentability of this application in accordance with 37 C.F.R. § 1.56.

PRIORITY CLAIM (35 U.S.C. § 119)

Prior Foreign Application(s)

I claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below, each of which is incorporated by reference in its entirety, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Day/Month/Year Filed	Priority Claimed
<u>04/01545</u>	<u>France</u>	<u>16 February 2004</u>	Yes <u>X</u> No <u> </u>
<u> </u>	<u> </u>	<u> </u>	Yes <u> </u> No <u> </u>

Prior Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional Application(s) listed below, each of which is incorporated by reference in its entirety:

Number	Day/Month/Year Filed
<u> </u>	<u> </u>
<u> </u>	<u> </u>

PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Appln. No.	U.S. Appl. No. (if any under PCT)	Filing Date	Status
_____	_____	_____	_____
_____	_____	_____	_____

DECLARATION

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I appoint the attorneys and agents associated with

Customer Number 27367,

which is the customer number for the law firm of Westman, Champlin & Kelly, P.A., to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Westman, Champlin & Kelly, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to David D. Brush in care of:

WESTMAN, CHAMPLIN & KELLY, P.A.
900 Second Avenue South, Suite 1400
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

Inventor: _____ Date: _____
(Signature)

Inventor: Nicolas Ibrahim

Residence: Montigny Le Bretonneux, France Citizenship: France

P.O. Address: 1, rue Bleuets, 78180 Montigny Le Bretonneux, France

Inventor: _____ Date: _____
(Signature)

Inventor: Dragan Vujcic

Residence: Orsay, France Citizenship: France

P.O. Address: 14, passage du Chemin de Fer, 91400 Orsay, France

Practitioner's Docket No. W51.12-0033

**ADDED PAGE TO COMBINED DECLARATION
AND POWER OF ATTORNEY FOR SIGNATURE BY JOINT INVENTOR(S)
ON BEHALF OF NONSIGNING INVENTOR(S) WHO REFUSE(S)
TO SIGN OR CANNOT BE REACHED (37 CFR 1.47(a))**

WARNING: "37 C.F.R. § 1.47(a) and 35 U.S.C. § 116 ¶ 2 require all available joint inventors to file an application 'on behalf' of themselves and on behalf of a joint inventor who 'cannot' be found or reached after diligent effort" "or who refuses to 'join in an application.'" M.P.E.P. § 409.03(e), 8th ed. See also 62 Fed. Reg. 53,131, 53,137, 203 O.G. 68 (Oct. 10, 1997).

I. I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the nonsigning joint inventor, particulars for whom are:

Full name of (first, second, etc.) Nicolas Ibrahim
nonsigning inventor who

- ☒ refuses to sign
☐ cannot be found or reached

NOTE: The name of the nonsigning inventor(s) should preferably also be filled in at the appropriate prior space in the declaration, adding the words "nonsigning inventor-completed on added page."

France

Country of Citizenship of nonsigning inventor

1, rue Bleuets, 78180 Montigny Le Bretonneux, France

Last known address of nonsigning inventor

NOTE: Ordinarily, the last known address will be the last known residence of the nonsigning inventor(s) or where the inventor(s) customarily receive(s) mail. A post office box is insufficient. Other addresses at which the nonsigning inventor(s) may be reached should also be given. These can best be given in the Statement Of Facts In Support Of Filing On Behalf Of Omitted Inventor. See M.P.E.P. § 409.03(e), 8th ed.

II. Accompanying this declaration is:

- (1) A STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR
- (2) PETITION BY JOINT INVENTOR(S) FILING ON BEHALF OF OTHER JOINT INVENTOR(S) WHO REFUSE(S) TO JOIN IN APPLICATION OR CANNOT BE REACHED (37 CFR § 1.47(a))

Dragan Vujcic

*(type or print name of joint inventor
signing on behalf of nonsigning
inventor)*

Signature

Practitioner's Docket No. W51.12-0033**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Nicolas Ibrahim et al.

Application No.: 10/589,542

Group No.:

Filed: 08/16/2006

Examiner:

For: CELLULAR RADIOTELEPHONE SIGNAL PERMITTING SYNCHRONISATION OF A SUPPLEMENTAL CHANNEL
BY MEANS OF A PRINCIPAL CHANNEL AND CORRESPONDING METHOD, TERMINAL AND BASE STATION**Mail Stop Petition****Commissioner for Patents****P.O. Box 1450****Alexandria, VA 22313-1450****PETITION BY JOINT INVENTOR(S) FILING ON BEHALF OF OTHER JOINT
INVENTOR(S) WHO REFUSE(S) TO JOIN IN APPLICATION OR CANNOT BE
REACHED (37 C.F.R. § 1.47(a))****NOTE:** 37 C.F.R. § 1.47 Filing when an inventor refuses to sign or cannot be reached.

(a) If a joint inventor refuses to join in an application for patent or cannot be found or reached after diligent effort, the application may be made by the other inventor on behalf of himself or herself and the nonsigning inventor. The oath or declaration in such an application must be accompanied by a petition including proof of the pertinent facts, the fee set forth in § 1.17(h), and the last known address of the non-signing inventor. The nonsigning inventor may subsequently join in the application by filing an oath or declaration complying with § 1.63.

.....

(c) The Office will send notice of the filing of the application to all inventors who have not joined in the application at the address(es) provided in the petition under this section, and publish notice of the filing of the application in the Official Gazette. The Office may dispense with this notice provision in a continuation or divisional application, if notice regarding the filing of the prior application was given to the non-signing inventor(s).

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☐ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)**37 C.F.R. § 1.10 ***

- ☐ with sufficient postage as first class mail.

- ☐ as "Express Mail Post Office to Addressee"

Mailing Label No. _____ (mandatory)

TRANSMISSION

- ☐ facsimile transmitted to the Patent and Trademark Office, (571) 273-8300.

Signature

Date: _____

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Petition by Joint Inventor(s) Filing on Behalf of Other Joint Inventor(s) Who Refuse(s) to Join in Application or Cannot Be Reached (37 C.F.R. § 1.47(a)) [1-4.1]—page 1 of 2)

NOTE: MPEP, § 409.03(e), 8th Edition:

"An application filed pursuant to 37 CFR 1.47 must state the last known address of the nonsigning inventor.

"That address should be the last known address at which the inventor customarily receives mail. See MPEP § 605.03. Ordinarily, the last known address will be the last known residence of the nonsigning inventor.

"Inasmuch as a nonsigning inventor is notified that an application pursuant to 37 CFR 1.47 has been filed on his or her behalf, other addresses at which the nonsigning inventor may be reached should also be given."

1. I, a joint inventor of the above identified application, sign below and petition to make this application on behalf of the non-signing joint inventor(s):

Nicolas Ibrahim

Type name of omitted joint inventor

who:

- ☒ refuses to join in the application
☐ cannot be found after diligent effort

2. This petition is accompanied by proof of the pertinent facts and the last known address of the non-signing inventor as set forth in the accompanying:

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR (37 C.F.R. § 1.47).

"The statement of facts must be signed, where at all possible, by a person having firsthand knowledge of the facts recited therein. Statements based on hearsay will not normally be accepted. Copies of documentary evidence such as internet searches, certified mail return receipts, cover letters of instructions, telegrams, that support a finding that the nonsigning inventor could not be found or reached should be made part of the statement. The steps taken to locate the whereabouts of the nonsigning inventor should be included statement of facts. It is important that the statement contain facts as opposed to conclusions." MPEP, § 409.03(d), 8th Edition.

3. The fee set forth in § 1.17(g) (\$200.00), required by 37 C.F.R. § 1.47(a), is paid as follows:

- ☐ Attached is a ☐ check ☐ money order in the amount of \$ _____
☒ Authorization is hereby made to charge the amount of \$ _____
☒ to Deposit Account No. 23-1123
☒ to Credit card as shown on the attached credit card information authorization form PTO-2038.

WARNING: Credit card information should not be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.
☐ A duplicate of this paper is attached.

Dragan Vujcic

type name of joint inventor who signs

Signature